

#### **ABSTRACT OF THE DISCLOSURE**

An integrated circuit, comprising: at least one main circuit operable to perform one or more functions, and including at least one I/O node for receiving or transmitting an operating signal; an active termination circuit having first and second MOSFETs of the same type coupled in series across a Vdd node of a first source potential and a Vss node of a second source potential, the at least one I/O node being coupled to a common node between the first and second MOSFETs; and a control circuit operable to bias the first and second MOSFETs such that they exhibit a controlled impedance at the common node.

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